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PHOTOGRAPHIC INTELLIGENCE REPORT

KRUG SITES NEAR PODOLSK AND TBILISI, USSR



10 September 1958
PIC/DP-13/58

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CENTRAL INTELLIGENCE AGENCY

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PREFACE

This photo analysis of the Krug sites near Podolsk and Tbilisi,
USSR is based on small format photography [REDACTED]

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[REDACTED] This
report has been prepared by the Photographic Intelligence Center.

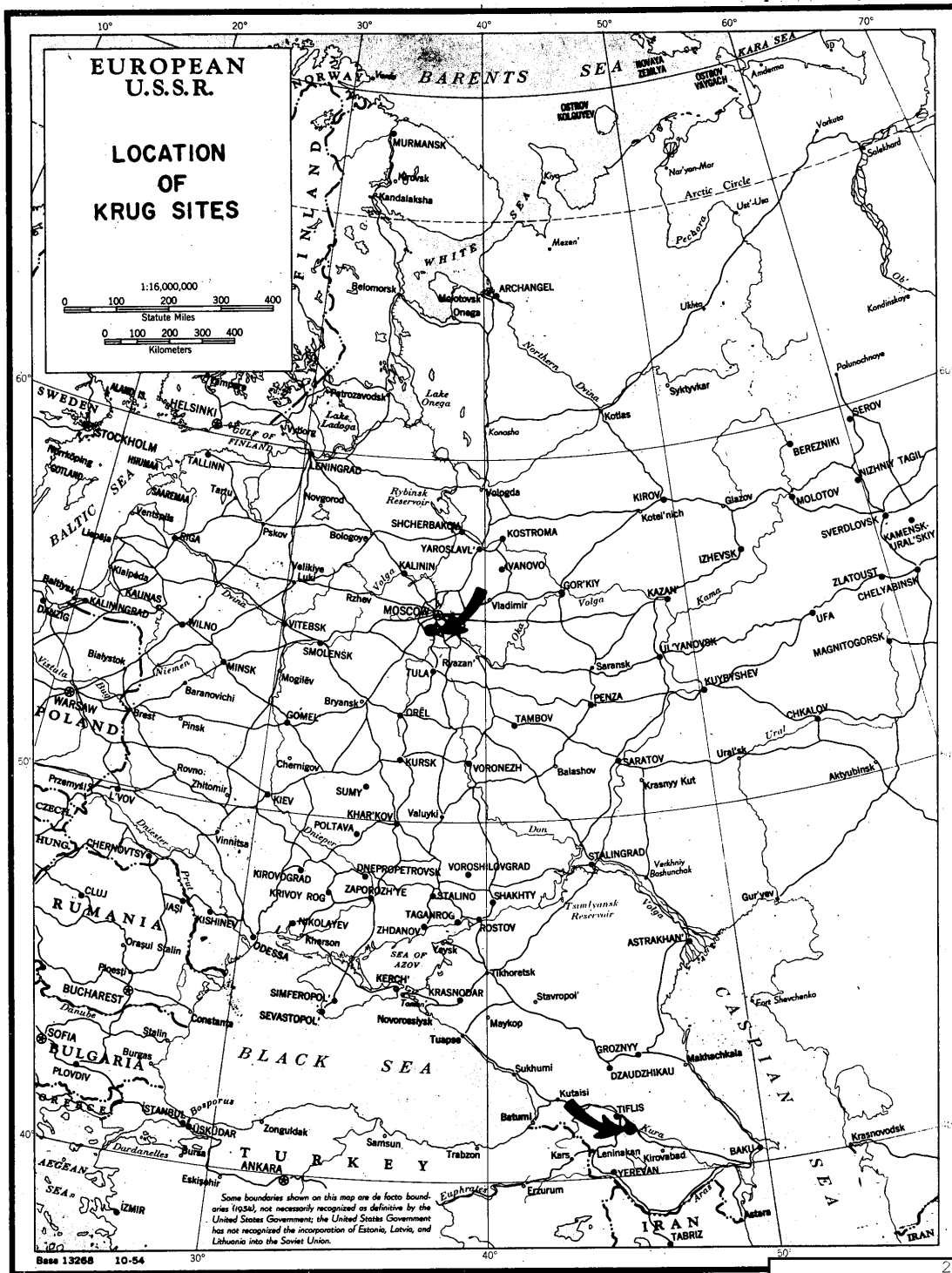
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KRUG SITES NEAR PODOLSK AND TBILISI, USSR

Two high-frequency direction-finding Krug sites have been identified in the USSR. One is located in the Caucasus, near Rustavi, and the other in the Central Russian Uplands, near Podolsk (see orientation map).

The Krug site in the Caucasus is located at $N41^{\circ}-25'$, $E45^{\circ}08'$, approximately seven nautical miles south-southeast of Rustavi and immediately south-southeast of the village of Nazarlo (see map of Tbilisi and vicinity). It lies between the electrified Tbilisi-Baku railroad which passes nearly two miles to the northeast, and the Kura River, nearly four miles to the southwest. The surrounding terrain is relatively flat with few or no obstructions. Irrigation ditches give this relatively flat terrain a checkerboard appearance (see photographs).

The Krug site in the Central Russian Uplands is located at $N55^{\circ}-28'$, $E37^{\circ}-22'$, on an abandoned sod-surface airfield approximately five nautical miles west-northwest of Podolsk and immediately north of the village of Vlasyevo (see map of Podolsk vicinity and photographs of the site).

These sites are circular in appearance. An outer circle, approximately 1,000 feet in diameter, consists of a low fence. A second smaller concentric circle, approximately 800 feet in diameter, is unidentified. Equally spaced around the circumference of a third concentric circle, approximately 400 feet in diameter, is the antenna array consisting of 40 individual vertical antennas. A reflector curtain supported by approximately 38 equally-spaced stick masts is just inside the antenna circle. Located at the center of the site is a building with a mast projecting from the roof. Electronic receiving equipment is probably housed here. A service road from outside the site leads to the probable receiver building. Beside this service road, at a point just inside the circumferential fence, is a small building which probably functions as a gate house. Another small building with an unknown function is located just inside the outer fence.

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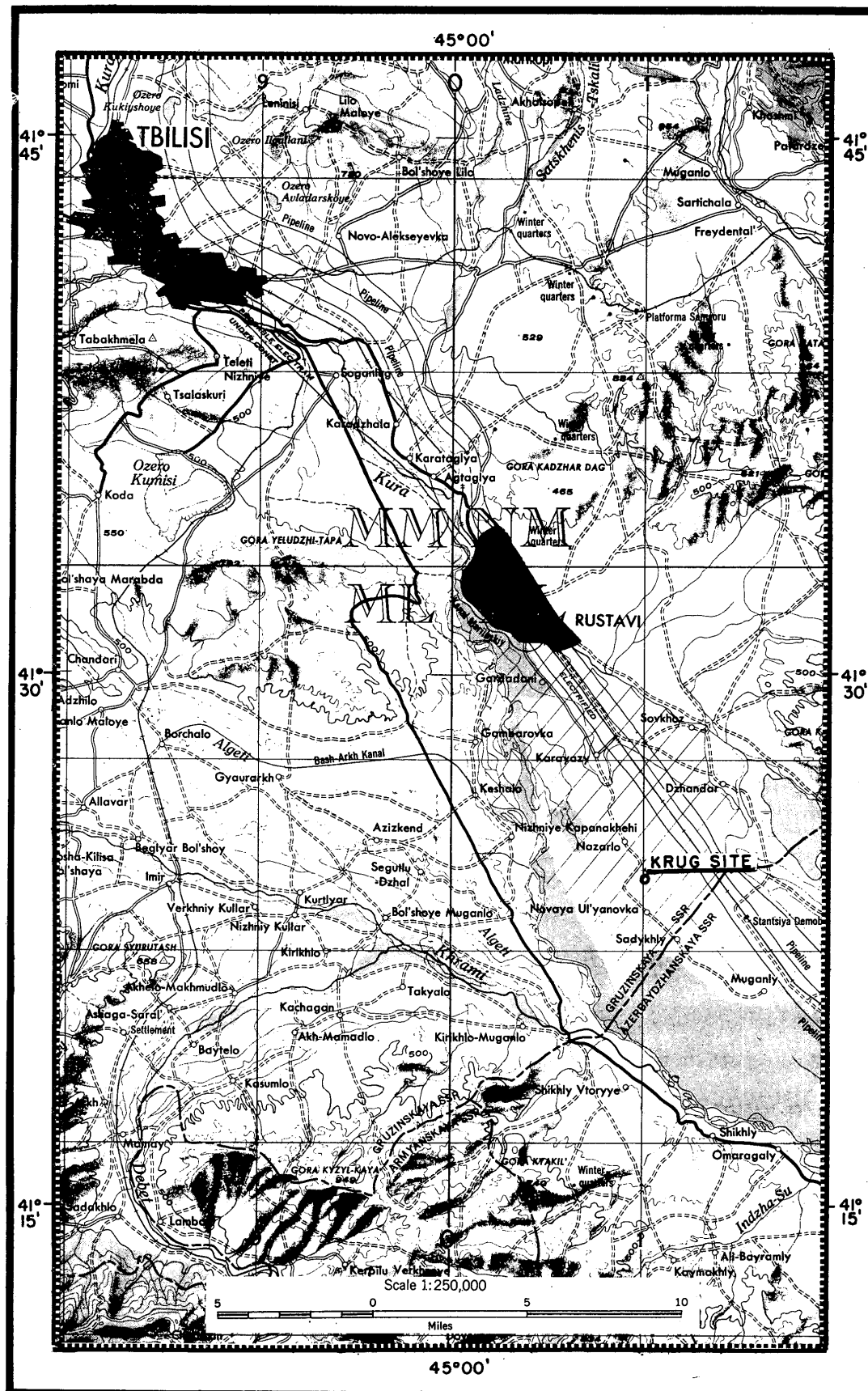
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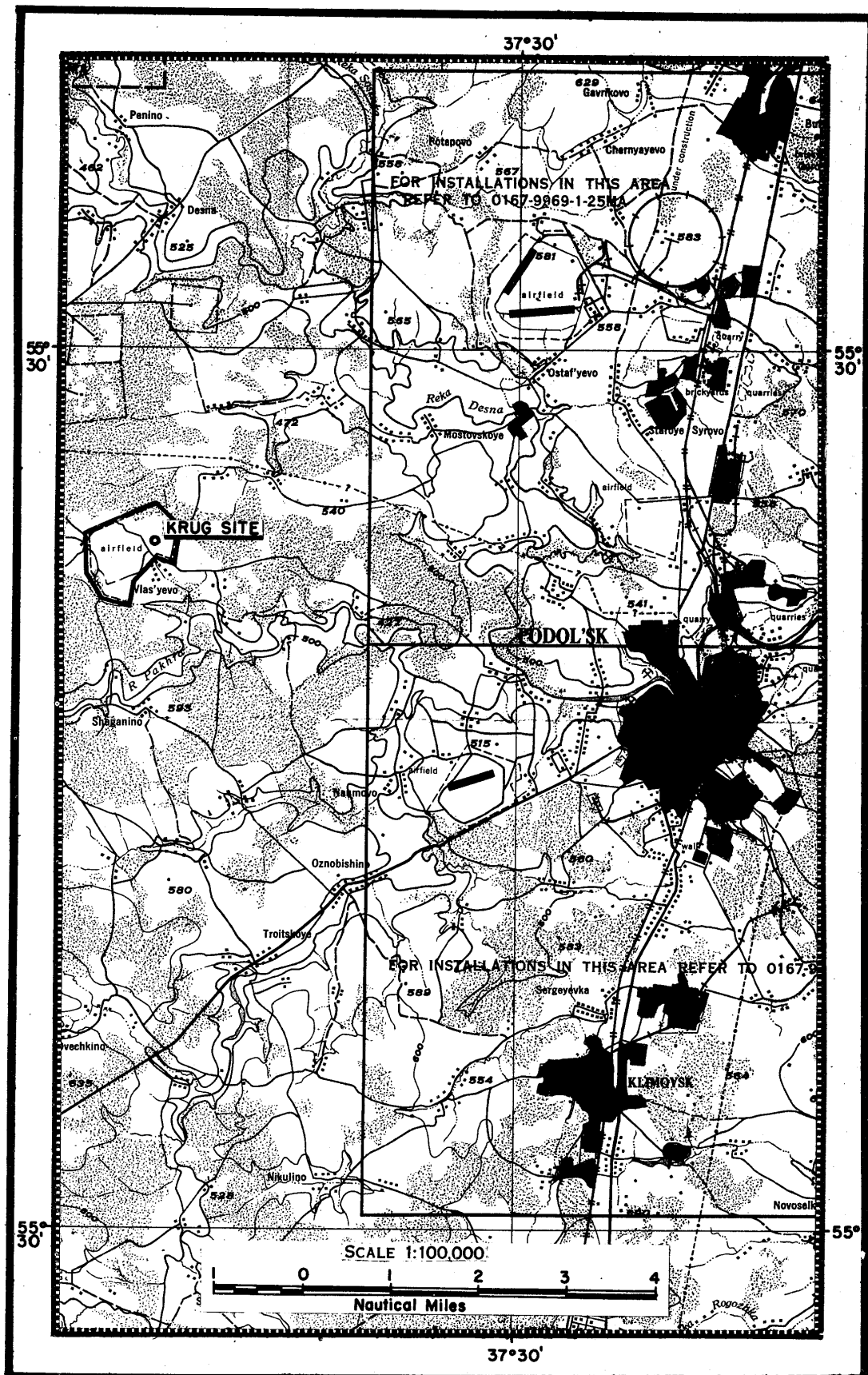


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KRUG SITE LOCATED ON AN ABANDONED SOD-SURFACED AIRFIELD FIVE NAUTICAL MILES NORTHWEST OF PODOLSK, USSR. A BLANKET OF SNOW COVERS THE INSTALLATION.

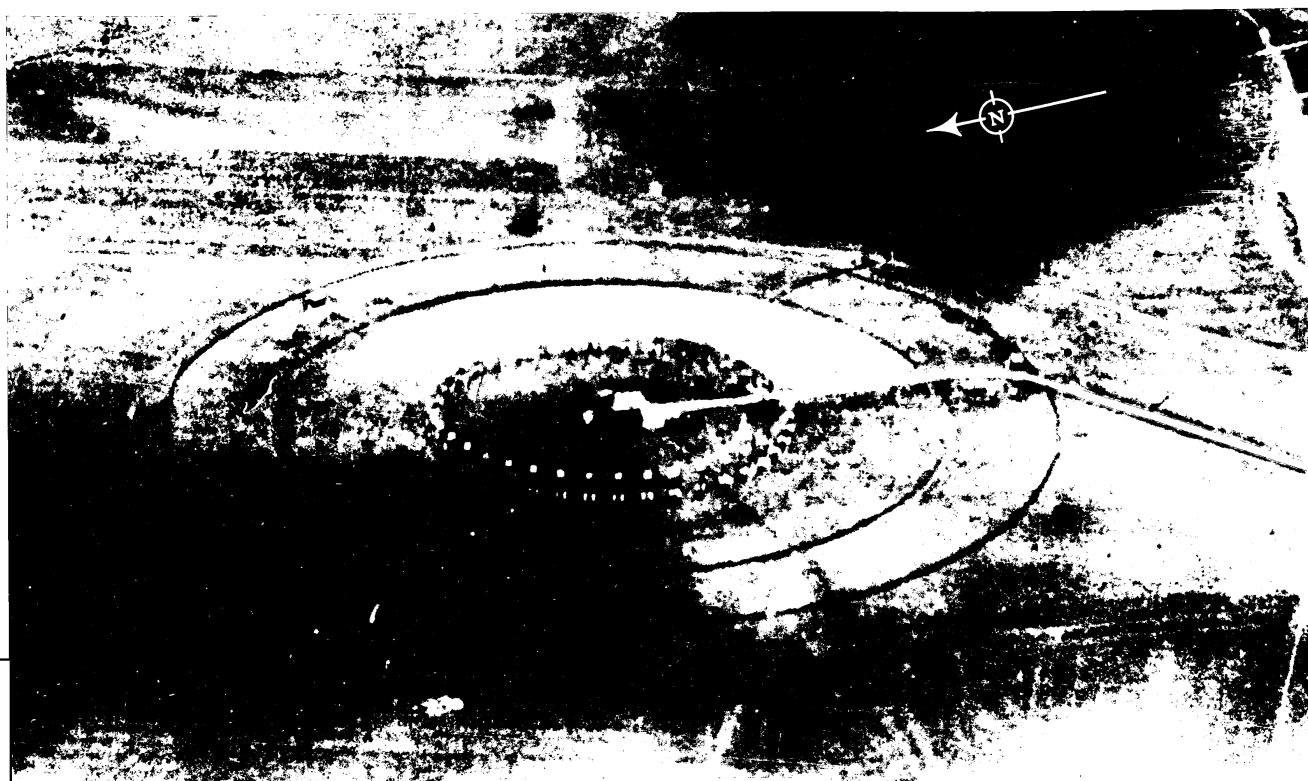


KRUG SITE SEVEN NAUTICAL MILES SOUTHEAST OF RUSTAVI, USSR. IRRIGATION DITCHES GIVE THE RELATIVELY FLAT TERRAIN A CHECKERBOARD APPEARANCE.

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KR SITE NEAR PODOLSK, USSR

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